

**From:** [Schoenfelder, Robert P.](#)  
**To:** [Warren Zehner/R6/USEPA/US@EPA](#)  
**Cc:** [Schoenfelder, Robert P.](#); [Rick Haaker](#); [Warr \(Kettler\), Kristie](#)  
**Subject:** RE: update on LANL fire samples  
**Date:** 07/06/2011 11:04 PM

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Thanks Warren.

Also, I talked with Mike Ortiz this afternoon and now understand better his issues. He will post on the NMED website any data he receives from us, and is concerned that gross beta values that include K-40 contribution will seem elevated to some who look at the data, and that will generate unnecessary questions. To address that we will have Eberline split the filters as described in my email to Mike McDougall. Also, he would like to receive complete data sets for each sample rather than piecemeal reporting. It is more important to him to have complete data than to have quick partial results.

In the data we received today there was one positive value for total Sr, but the volume of air sampled was small and the counting statistics low so that it is a questionable value. We'll see what the isotope specific values turn out to be after an ingrowth period of a few days, but the low air volume may still be a problem. The samples collected later using larger filters and higher flow rates that are now being processed by the lab should not have this problem and may provide data that will help us address the data from the low volume samples.

Rick and I will talk with Eberline tomorrow to give them final directions and to determine if there will be any cost impacts. I'll let you know what we learn.

Regards,

-Bob

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**From:** Warren Zehner [mailto:[Zehner.Warren@epamail.epa.gov](mailto:Zehner.Warren@epamail.epa.gov)]  
**Sent:** Wednesday, July 06, 2011 4:56 PM  
**To:** Schoenfelder, Robert P.  
**Cc:** Warr (Kettler), Kristie; Rick Haaker  
**Subject:** Re: update on LANL fire samples

Bob:

Do what you need to do to make NMED happy with analytical. Easier to do it now than have issues later.

Warren

Warren

Sent by EPA Wireless E-Mail Services



9470143

**From:** "Schoenfelder, Robert P." [R.Schoenfelder@WestonSolutions.com]  
**Sent:** 07/06/2011 06:31 PM AST  
**To:** "mike.mcdougall@eberlineservices.com" <IMCEAMAILTO-mike+2Emcdougall+40eberlineservices+2Ecom@WestonSolutions.com>  
**Cc:** "Schoenfelder, Robert P." <R.Schoenfelder@WestonSolutions.com>; "Warr (Kettler), Kristie" <K.Warr@WestonSolutions.com>; Warren Zehner; Rick Haaker <radpro@aqsaafety.com>; "Schoenfelder, Robert P." <R.Schoenfelder@WestonSolutions.com>  
**Subject:** update on LANL fire samples

Hi Mike;

Thank you for talking with Rick and me this evening. As we discussed, please take the following two actions related to the samples from the LANL fire response:

- 1) Please subtract k-40 contribution from the gross beta results, and report both results (total beta and beta minus K-40) to us.
- 2) Please have your analysts hold the samples that were started today following their current gamma spec analyses and do not submit them for wet chemistry dissolution until we provide further guidance tomorrow morning – I believe we will want to section a plug from the larger filters according to the procedure you have so that we can conduct a five-day delayed count for gross alpha and gross beta on one part of a filter while passing the other part along for the usual analyses. I need to check with our client before giving you the go ahead for that approach.

Thanks Mike.

-Bob

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